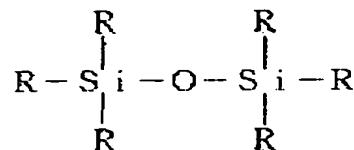


EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11217389
 PUBLICATION DATE : 10-08-99

APPLICATION DATE : 27-01-98
 APPLICATION NUMBER : 10029297



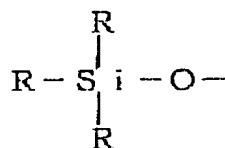
I

APPLICANT : DOW CORNING TORAY SILICONE CO LTD;

INVENTOR : OKAWA SUNAO;

INT.CL. : C07F 7/08 C08G 77/08 C08G 77/18
 C08G 77/20 C08G 77/28

TITLE : PRODUCTION OF SILICONE COMPOUND



II

ABSTRACT : PROBLEM TO BE SOLVED: To provide a method for producing a silicone compound by reacting a silicone compound having one or more alkoxy or aryloxy groups bound to a silicon atom with a disiloxane compound by a specific method, capable of efficiently producing the silicone compound product comprising the raw material silicone compound whose one or more alkoxy or aryloxy groups are substituted by siloxy groups.

SOLUTION: (A) A silicone compound having one or more alkoxy or aryloxy groups bound to a silicon atom (preferably tetramethoxysilane) is reacted with (B) a disiloxane compound of formula I (R is hydrogen or a monovalent organic group) (for example, hexamethyldisiloxane) in the presence of (C) a carboxylic acid (preferably formic acid or acetic acid) and (D) an acid catalyst (preferably trifluoromethane sulfonic acid) to obtain the objective silicone compound comprising the component A whose one or more alkoxy or aryloxy groups are substituted by siloxy groups of formula II. The reaction is preferably carried out by mixing the components B, C and D and subsequently adding and reacting the component A to the mixture at a temp. of 20-70°C.

COPYRIGHT: (C)1999,JPO